



MISSOURI DEPARTMENT OF HEALTH  
STATE PUBLIC HEALTH LABORATORY  
**DATAMASTER MAINTENANCE REPORT**

**RECEIVED**  
DHSS Breath Alcohol Program  
By Carol Day at 10:34 am, Aug 20, 2009

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send copy to Department of Health; retain original in department file.

DATAMASTER SN 204061	Inv. #127191	DATE OF INSPECTION 08-10-09
LOCATION OF INSTRUMENT (STREET AND CITY) 710 South Kingshighway, Perryville, MO 63775		TIME OF INSPECTION 2115

**CHECKLIST:** Place a check (✓) to the left of each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unchecked items must be corrected before using instrument.

<input checked="" type="checkbox"/> DIAGNOSTIC CHECK (PRINTOUT ATTACHED)	
<input checked="" type="checkbox"/> COMPUTER	<input checked="" type="checkbox"/> DETECTOR
<input checked="" type="checkbox"/> PROGRAM	<input checked="" type="checkbox"/> FILTERS
<input checked="" type="checkbox"/> HEATERS SAMPLE CHAMBER 49 °C	<input checked="" type="checkbox"/> QUARTZ STANDARD
<input checked="" type="checkbox"/> FLOW DETECTOR	<input checked="" type="checkbox"/> CALIBRATION
<input checked="" type="checkbox"/> PUMP HIGH SPEED	<input checked="" type="checkbox"/> PRINTER
<input checked="" type="checkbox"/> INDICATOR LIGHTS	
<input checked="" type="checkbox"/> TIME AND DATE	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34 °C ± 0.2 °C) 34.2 C	
<input checked="" type="checkbox"/> CALIBRATION CHECK - Run three tests using a standard solution. All three tests must be within ± 5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED) (USE RECIRCULATION PUMP) <input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE <input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)	

TEST 1  .097	TEST 2  .096	TEST 3  .097
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<input checked="" type="checkbox"/> PERFORM R.F.I. TEST (PRINTOUT ATTACHED)					
<input checked="" type="checkbox"/> NUMBER OF REFUSALS, SINCE LAST MAINTENANCE REPORT, AND NUMBER OF BREATH TESTS IN EACH RANGE AS FOLLOWS: (DO NOT INCLUDE SIMULATOR TESTS)					
REFUSALS	(0-.04) 1	(.05-.09) 0	(.10-.14) 2	(.15-.19) 0	(Over .19) 0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary)

Instrument operating within MODHSS specifications.

.10 Solution Guth Laboratories Lot #08340 Expiration Date - 10-15-09 Bottle #913

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME James R. Sauer
TYPE II PERMIT NUMBER EXPIRATION DATE 920089 04/22/2011	TELEPHONE NUMBER (636) 300-2800



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of lot Number **08340** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography and found to contain **0.1211** percent (w/vol) ethyl alcohol. The expiration date for this lot number is **October 15, 2009** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.10** percent BAC.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

**BAC DataMaster  
Evidence Ticket**

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 284861  
08/10/09

TESTING OFFICER:  
SAUER/JAMES/R  
OFFICER I.D.: 745  
PERMIT NUMBER: 920089  
EXPIRATION DATE: 04/22/11  
MISCELLANEOUS DATA:

--- SUPERVISOR MODE ---

BLANK TEST	.000	21:22
INTERNAL STANDARD	VERIFIED	21:22
EXTERNAL STANDARD	.097	21:22
BLANK TEST	.000	21:23
EXTERNAL STANDARD	.096	21:23
BLANK TEST	.000	21:24
EXTERNAL STANDARD	.097	21:24
BLANK TEST	.000	21:25

N = 3  
SIM. = .1  
AVG. = .0966

Operator Signature

2209-02

**BAC DataMaster  
Evidence Ticket**

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 284861  
08/10/09  
21:15

--- DIAGNOSTIC CHECK ---

COMPUTER:	OKAY
PROGRAM:	OKAY
HEATERS:	
SAMPLE CHAMBER:	49c
FLOW DETECTOR:	OKAY
PUMP	
HIGH SPEED:	OKAY
DETECTOR:	OKAY
FILTERS:	OKAY
QUARTZ STANDARD:	OKAY
CALIBRATION:	OKAY

PRINTER TEST  
!"#\$%&'()\*+,-./0123456789:;<=>?@ABCDEFIS  
HIJKLMNOPQRSTUVWXYZ[\]^\_`abcde fghijklmnop  
qrstuvwxy z{|}~`

Operator Signature

2209-02

**BAC DataMaster  
Evidence Ticket**

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 284861  
08/10/09

ARREST TIME: 11:11  
SUBJECT NAME:  
JOE/JOHN  
DOB: 11/11/11 SEX: M  
STATE/D.L.: MO/12345  
ARRESTING OFFICER:  
SAUER/JAMES/R  
OFFICER I.D.: 745  
TESTING OFFICER:  
SAUER/JAMES/R  
OFFICER I.D.: 745  
PERMIT NUMBER: 920089  
EXPIRATION DATE: 04/22/11  
MISCELLANEOUS DATA:

--- BREATH ANALYSIS ---

BLANK TEST	.000	21:29
INTERNAL STANDARD	VERIFIED	21:30
RADIO INTERFERENCE		

Operator Signature

2209

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



JAMES R. SAUER

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 04/22/09  
Number 920089  
Expires 04/22/2011

MO 680-0771 (7-88)

*John J. Mathewson*

Director of State Public Health Laboratory

*Margaret T. Donnelly*

Director, Department of Health

Lab. 4 (R7-88)